

Appl. No. 10/660,867
Amdt. dated August 15, 2006
Response to Office Action dated May 15, 2006

PATENT**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A computer-implemented method of enabling information recorded during a presentation to be accessed subsequent to the presentation using a printed paper document for the presentation, the method comprising:

receiving, prior to occurrence of the presentation, information identifying a set of items to be presented during the presentation, the information for the set of items to be printed ~~[[in]]~~ on the paper document for the presentation;

~~receiving, subsequent to the occurrence of the presentation, information indicating~~
~~selection of one of the set of items using the information printed on the paper document;~~

accessing recorded information comprising information generated and recorded during the presentation; and

determining time information for the selected item indicative of when the selected item was presented during the presentation; and

retrieving a portion of the recorded information corresponding to the presentation of the selected item based upon the time information determined for the selected item.

~~processing the recorded information to determine time information for one or more items that were presented during the presentation from the set of items, the time information for each item in the one or more items indicative of when information related to the item was presented during the presentation.~~

2. (Canceled)

3. (Currently Amended) The method of claim of ~~[[2]]~~ 1 wherein receiving information indicating selection of an item printed in the paper document for the presentation comprises:

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obtaining an image of a page of the paper document printed for the presentation on which the selected item is printed; and

determining the selection of the item from the image of the page.

4. (Currently Amended) The method of claim of [[2]] 1 wherein receiving information indicating selection of an item printed in the paper document for the presentation comprises:

receiving information indicating selection of a barcode printed on a page of the paper document printed for the presentation, the barcode identifying the selected printed item.

5. (Currently Amended) The method of claim of [[2]] 1 further comprising: receiving a signal identifying a first type of information to be retrieved for the selected printed item; and

wherein retrieving the information comprises retrieving information of the first type for the selected printed item from the recorded information based upon the time information determined for the selected printed item.

6. (Currently Amended) The method of claim of [[2]] 1 further comprising: receiving information identifying a first action to be performed on information retrieved for the selected printed item; and performing the first action on the information retrieved for the selected printed item.

7. (Original) The method of claim 6 wherein performing the first action comprises outputting the information retrieved for the selected printed item via an output device

8. (Original) The method of claim 6 wherein performing the first action comprises saving the information retrieved for the selected printed item.

9. (Original) The method of claim 6 wherein performing the first action comprises communicating the information retrieved for the selected printed item.

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10. (Original) The method of claim of 1 wherein receiving information identifying the set of items to be printed comprises receiving a signal to print the set of items.

11. (Currently Amended) The method of claim of 1 wherein ~~processing the recorded information to determine time information for the one or more items~~ determining time information comprises:

receiving one or more images extracted from the recorded information;
comparing the one or more images extracted from the recorded information with the set of items printed in the paper document for the presentation; and
determining the time information for each item in the one or more items based upon the comparison.

12. (Original) The method of claim of 1 further comprising storing information identifying a storage location of the recorded information.

13. (Original) The method of claim of 1 wherein the one or more items comprise slides.

14. (Original) A computer-implemented method of accessing information using a paper document, the method comprising:

storing first information comprising time information for one or more slides presented at a presentation, the time information for each slide in the one or more slides indicative of when the slide was presented during the presentation;
receiving a signal indicating selection of a slide from a set of slides printed on a paper document for the presentation;
determining time information for the selected slide using the first information, the time information for the selected slide indicative of when the selected slide was presented during the presentation; and
accessing information from information recorded during the presentation based upon the time information determined for the selected slide.

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15. (Original) The method of claim 14 wherein storing the first information comprises:
- receiving one or more images extracted from the information recorded during the presentation;
 - identifying the one or more slides presented at the presentation by comparing the one or more extracted images with images of slides in the set of slides printed on the paper document for the presentation; and
 - determining the time information for each slide in the one or more slides based upon the comparison.
16. (Original) The method of claim 14 further comprising:
- receiving a signal indicating selection of a type of information for the selected slide; and
 - wherein accessing the information from the information recorded during the presentation comprises accessing information of the selected type based upon the time information determined for the selected slide.
17. (Original) The method of claim 14 further comprising:
- receiving a signal indicating selection of an action to be performed for the selected slide; and
 - performing the selected action on the information accessed from the information recorded during the presentation.
18. (Original) The method of claim 17 wherein performing the selected action comprises outputting the accessed information via an output device.
19. (Original) The method of claim 17 wherein performing the selected action comprises saving the accessed information.

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20. (Original) The method of claim 17 wherein performing the selected action comprises communicating the accessed information.

21. (Original) The method of claim 14 further comprising:
 storing second information identifying the set of slides printed on the paper document for the presentation, the first information stored prior to occurrence of the presentation.

22. (Currently Amended) A computer program product stored on a computer readable medium for enabling information recorded during a presentation to be accessed using a printed paper document for the presentation, the computer program product comprising:

code for receiving, prior to occurrence of the presentation, information identifying; a set of items to be presented during the presentation, the information for the set of items to be printed ~~[[in]]~~ on the paper document for the presentation;

code for receiving, subsequent to the occurrence of the presentation, information indicating selection of one of the set of items using the information printed on the paper document;

code for accessing recorded information comprising information generated and recorded during the presentation; and

code for determining time information for the selected item indicative of when the selected item was presented during the presentation; and

code for retrieving a portion of the recorded information corresponding to the presentation of the selected item based upon the time information determined for the selected item.

~~code for processing the recorded information to determine time information for one or more items that were presented during the presentation from the set of items, the time information for each item in the one or more items indicative of when information related to the item was presented during the presentation.~~

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23. (Canceled)

24. (Currently Amended) The computer program product of claim of [[23]] 22 wherein the code for receiving information indicating selection of an item printed in the paper document for the presentation comprises:

code for obtaining an image of a page of the paper document printed for the presentation on which the selected item is printed; and

code for determining the selection of the item from the image of the page.

25. (Currently Amended) The computer program product of claim of [[23]] 22 wherein the code for receiving information indicating selection of an item printed in the paper document for the presentation comprises:

code for receiving information indicating selection of a barcode printed on a page of the paper document printed for the presentation, the barcode identifying the selected printed item.

26. (Currently Amended) The computer program product of claim of [[23]] 22 further comprising:

code for receiving a signal identifying a first type of information to be retrieved for the selected printed item; and

wherein the code for retrieving the information comprises code for retrieving information of the first type for the selected printed item from the recorded information based upon the time information determined for the selected printed item.

27. (Currently Amended) The computer program product of claim of [[23]] 22 further comprising:

code for receiving information identifying a first action to be performed on information retrieved for the selected printed item; and

code for performing the first action on the information retrieved for the selected printed item.

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28. (Original) The computer program product of claim 27 wherein the code for performing the first action comprises code for outputting the information retrieved for the selected printed item via an output device.

29. (Original) The computer program product of claim 27 wherein the code for performing the first action comprises code for saving the information retrieved for the selected printed item.

30. (Original) The computer program product of claim 27 wherein the code for performing the first action comprises code for communicating the information retrieved for the selected printed item.

31. (Original) The computer program product of claim of 22 wherein the code for receiving information identifying the set of items to be printed comprises code for receiving a signal to print the set of items.

32. (Currently Amended) The computer program product of claim of 22 wherein the code for ~~processing the recorded information to determine time information for the one or more items~~ determining time information comprises:

code for receiving one or more images extracted from the recorded information;
code for comparing the one or more images extracted from the recorded information with the set of items printed in the paper document for the presentation; and
code for determining the time information for each item in the one or more items based upon the comparison.

33. (Original) The computer program product of claim of 22 further comprising code for storing information identifying a storage location of the recorded information.

34. (Original) The computer program product of claim of 22 wherein the one or more items comprise slides.

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35. (Original) A computer program product stored on a computer-readable medium for accessing information using a paper document, the computer program product comprising:

code for storing first information comprising time information for one or more slides presented at a presentation, the time information for each slide in the one or more slides indicative of when the slide was presented during the presentation;

code for receiving a signal indicating selection of a slide from a set of slides printed on a paper document for the presentation;

code for determining time information for the selected slide using the first information, the time information for the selected slide indicative of when the selected slide was presented during the presentation; and

code for accessing information from information recorded during the presentation based upon the time information determined for the selected slide.

36. (Original) The computer program product of claim 35 wherein the code for storing the first information comprises:

code for receiving one or more images extracted from the information recorded during the presentation;

code for identifying the one or more slides presented at the presentation by comparing the one or more extracted images with images of slides in the set of slides printed on the paper document for the presentation; and

code for determining the time information for each slide in the one or more slides based upon the comparison.

37. (Original) The computer program product of claim 35 further comprising.
code for receiving a signal indicating selection of a type of information for the selected slide; and

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wherein the code for accessing the information from the information recorded during the presentation comprises code for accessing information of the selected type based upon the time information determined for the selected slide.

38. (Original) The computer program product of claim 35 further comprising code for receiving a signal indicating selection of an action to be performed for the selected slide; and

code for performing the selected action on the information accessed from the information recorded during the presentation.

39. (Original) The computer program product of claim 38 wherein the code for performing the selected action comprises code for outputting the accessed information via an output device.

40. (Original) The computer program product of claim 38 wherein the code for performing the selected action comprises code for saving the accessed information.

41. (Original) The computer program product of claim 38 wherein the code for performing the selected action comprises code for communicating the accessed information.

42. (Original) The computer program product of claim 35 further comprising: code for storing second information identifying the set of slides printed on the paper document for the presentation, the first information stored prior to occurrence of the presentation.

43. (Currently Amended) A system comprising:
a data processing system; and
a memory configured to store recorded information comprising information recorded during a presentation,
wherein the data processing system is configured to:

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receive, prior to occurrence of the presentation, information identifying a set of items to be presented during the presentation, the information for the set of items to be printed in the paper document for the presentation,

receive, subsequent to the occurrence of the presentation, information indicating selection of one of the set of items using the information printed on the paper document;

access recorded information comprising information generated and recorded during the presentation, and

determine time information for the selected item indicative of when the selected item was presented during the presentation; and

retrieve a portion of the recorded information corresponding to the presentation of the selected item based upon the time information determined for the selected item.

~~process the recorded information to determine time information for one or more items that were presented during the presentation from the set of items, the time information for each item in the one or more items indicative of when information relate to the item was presented during the presentation.~~

44. (Canceled)

45. (Currently Amended) The system of claim of ~~[[44]]~~ 43 wherein the data processing system is configured to:

obtain an image of a page of the paper document printed for the presentation on which the selected item is printed, and

determine the selection of the item from the image of the page.

46. (Currently Amended) The system of claim of ~~[[44]]~~ 43 wherein the data processing system is configured to receive information indicating selection of a barcode printed on a page of the paper document printed for the presentation, the barcode identifying the selected printed item.

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47. (Currently Amended) The system of claim of [[44]] 43 wherein the data processing system is configured to:

receive a signal identifying a first type of information to be retrieved for the selected printed item, and

retrieve information of the first type for the selected printed item from the recorded information based upon the time information determined for the selected printed item.

48. (Currently Amended) The system of claim of [[44]] 43 wherein the data processing system is configured to:

receive information identifying a first action to be performed on information retrieved for the selected printed item, and

perform the first action on the information retrieved for the selected printed item.

49. (Original) The system of claim 48 wherein the data processing system is configured to output the information retrieved for the selected printed item via an output device.

50. (Original) The system of claim 48 wherein the data processing system is configured to save the information retrieved for the selected printed item.

51. (Original) The system of claim 48 wherein the data processing system is configured to communicate the information retrieved for the selected printed item.

52. (Original) The system of claim of 43 wherein the data processing system is configured to receive a signal to print the set of items.

53. (Original) The system of claim of 43 wherein the data processing system is configured to:

receive one or more images extracted from the recorded information,

compare the one or more images extracted from the recorded information with the set of items printed in the paper document for the presentation, and

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determine the time information for each item in the one or more items based upon the comparison.

54. (Original) The system of claim of 43 wherein the memory is configured to store information identifying a storage location of the recorded information.

55. (Original) The system of claim of 43 wherein the one or more items comprise slides.

56. (Original) A system comprising:
a data processing system; and
a memory configured to store first information comprising time information for one or more slides presented at a presentation, the time information for each slide in the one or more slides indicative of when the slide was presented during the presentation, the memory further configured to store information recorded during the presentation,
wherein the data processing system is configured to:
receive a signal indicating selection of a slide from a set of slides printed on a paper document for the presentation,
determine time information for the selected slide using the first information, the time information for the selected slide indicative of when the selected slide was presented during the presentation, and
access information from the information recorded during the presentation based upon the time information determined for the selected slide.

57. (Original) The system of claim 56 wherein the data processing system is configured to:
receive one or more images extracted from the information recorded during the presentation,

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identify the one or more slides presented at the presentation by comparing the one or more extracted images with images of slides in the set of slides printed on the paper document for the presentation, and

determine the time information for each slide in the one or more slides based upon the comparison.

[16]58. (Currently Amended) The system of claim 56 wherein the data processing system is configured to:

receive a signal indicating selection of a type of information for the selected slide, and

access information of the selected type based upon the time information determined for the selected slide.

[58]59. (Currently Amended) The system of claim 56 wherein the data processing system is configured to:

receive a signal indicating selection of an action to be performed for the selected slide, and

perform the selected action on the information accessed from the information recorded during the presentation.

[59]60. (Currently Amended) The system of claim [58]59 wherein the data processing system is configured to output the accessed information via an output device.

[60]61. (Currently Amended) The system of claim [58]59 wherein the data processing system is configured to save the accessed information.

[61]62. (Currently Amended) The system of claim [58]59 wherein the data processing system is configured to communicate the accessed information.

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[62]63. (Currently Amended) The system of claim 56 the memory is configured to store second information identifying the set of slides printed on the paper document for the presentation, the first information stored prior to occurrence of the presentation.

[63]64. (Currently Amended) A system for enabling information recorded during a presentation to be accessed using a printed paper document for the presentation, the system comprising:

means for receiving, prior to occurrence of the presentation, information identifying a set of items to be presented during the presentation, the information for the set of items to be printed ~~[[in]]~~ on the paper document for the presentation;

means for receiving, subsequent to the occurrence of the presentation, information indicating selection of one of the set of items using the information printed on the paper document;

means for accessing recorded information comprising information generated and recorded during the presentation; and

means for determining time information for the selected item indicative of when the selected item was presented during the presentation; and

means for retrieving a portion of the recorded information corresponding to the presentation of the selected item based upon the time information determined for the selected item.

~~means for processing the recorded information to determine time information for one or more items that were presented during the presentation from the set of items, the time information for each item in the one or more items indicative of when information related to the item was presented during the presentation.~~

[64]65. (Currently Amended) A system for accessing information using a paper document, the system comprising:

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means for storing first information comprising time information for one or more slides presented at a presentation, the time information for each slide in the one or more slides indicative of when the slide was presented during the presentation;

means for receiving a signal indicating selection of a slide from a set of slides printed on a paper document for the presentation;

means for determining time information for the selected slide using the first information, the time information for the selected slide indicative of when the selected slide was presented during the presentation; and

means for accessing information from information recorded during the presentation based upon the time information determined for the selected slide.